

Date: Sun, 22 Aug 93 04:30:01 PDT  
From: Packet-Radio Mailing List and Newsgroup <packet-radio@ucsd.edu>  
Errors-To: Packet-Radio-Errors@UCSD.Edu  
Reply-To: Packet-Radio@UCSD.Edu  
Precedence: Bulk  
Subject: Packet-Radio Digest V93 #247  
To: packet-radio

Packet-Radio Digest                      Sun, 22 Aug 93                      Volume 93 : Issue    247

Today's Topics:

3 KW Generator for Sale (2 msgs)  
99p12-SLIP <-> DOS ka9q?  
Building WAMPES on a SUN  
    DSP and packet  
    HF Packet  
    TheNET X1J ?!  
Tiny-2 + The Net 2.10??

Send Replies or notes for publication to: <Packet-Radio@UCSD.Edu>

Send subscription requests to: <Packet-Radio-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Packet-Radio Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/packet-radio".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 21 Aug 93 09:33:00 GMT  
From: pravda.sdsc.edu!news.cerf.net!usc!howland.reston.ans.net!  
usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!csn!csn!sosinc!  
robert.garcia@network.ucsd.edu  
Subject: 3 KW Generator for Sale  
To: packet-radio@ucsd.edu

3.0 KW GASOLINE POWERED 16 TO 36 VOLT DC GENERATOR FOR SALE

I have one military surplus cage mounted DC generator that has been  
refurbished and is offered for sale. The unit has a manually variable  
voltage output of about 16 to 36 volts at up to 105 Amps continuous  
operation. The generator will provide approximately 200 Amps  
intermediately if the circuit breaker is bypassed. These generators were  
originally designed to power military radio transmitters under extreme  
conditions or "jump start" large diesel engines in trucks and tanks.

## IMPORTANT NEW INFORMATION

The generator package is a 60 Hz 3 phase AC generator producing 13.5 to 30 volts at about 35 Amps per leg. The AC output is then brought through a bridge rectifier array to provide the DC power in the same manner as the alternator in your car. I have run regular 60 Hz items like a refrigerator, fan or coffee pot directly off a step up (28 v to 110v) transformer connected to one leg of the output of the generator. Higher 60 Hz voltages are available if the regulator is modified!

The generators are powered by a heavy duty four (4) cylinder air cooled industrial (Wisconsin) engine of 32 cubic inches and produce about 16 horsepower using ANY type of gasoline. The engines have a protected Fairbanks Morse ignition system designed to start and run under the worst weather conditions. This engine package is also used to power a military standard 5 KW or 10 KW 120/240 volt 60 Hz generator instead of the 28 volt DC generator.

The military engines are easy to maintain and operate and come equipped with a replaceable cartridge type oil filter and mechanical fuel pump allowing gasoline to be drawn from the integral 3.75 gallon tank or an auxiliary fuel tank. Repair parts are available at any auto supply outlet or outboard motor supply business. These generators were designed to be "GI proof" and have been maintained and rebuilt to the same standards as when originally put into operation.

Possible uses are:

Running transmitters and repeater communication systems.

Charging 24 volt trolling motor batteries.

Charging 36 volt fork lift batteries.

Providing "backup" power for solar systems.

Jump starting diesel engines at truck stops or fixed sites.

Powering 24 volt to 120 volt 60 Hz inverters as found in RV's.

Conversion to 120/240 volt 60 Hz generators for emergency use.

Original cost to the US Government: \$3467.00

Price: \$600 each with Rope Starter FOB Baton Rouge, LA.

\$675 each with Electric Starter FOB Baton Rouge, LA.

Weight: 275 pounds each

Dimensions: 35" Length, 24" Width, 25" Height

Fuel Consumption: Approximately 1 gallon per hour at full load

-> I also have a 1.5 KW gasoline powered 16 to 36 volt DC generator for sale. This generator has been used to jump start 24 volt diesel engine starters on both generators and trucks. The generator is military surplus and is in excellent condition.

Robert Garcia, Ph.D. PO Box 22106 Baton Rouge, LA 70894 (504) 767-4100  
Internet Address: robert.garcia@sosinc.com  
RIME Routing: ->505  
ThrobNet Routing: ->505  
ILink Routing: ->CAJUN

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. SM 1.06 ----- . Robert Garcia, Ph.D. (504) 767-4100

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+-----+
| Southern On-line Services - SysOp: Russell Jackson - 504-356-0790 |
| 2000+ Windows Files, 2.4 Gig, Internet, RIME and Throbnets On-line |
+-----+
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Date: 21 Aug 93 10:51:00 GMT  
From: pravda.sdsc.edu!news.cerf.net!usc!howland.reston.ans.net!  
usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!csn!csn!sosinc!  
robert.garcia@network.ucsd.edu  
Subject: 3 KW Generator for Sale  
To: packet-radio@ucsd.edu

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. SM 1.06 ----- . Robert Garcia, Ph.D. (504) 767-4100

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+-----+  
| Southern On-line Services - SysOp: Russell Jackson - 504-356-0790 |  
| 2000+ Windows Files, 2.4 Gig, Internet, RIME and Throbnets On-line |

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Date: Fri, 20 Aug 1993 17:47:42 GMT  
From: pravda.sdsc.edu!news.cerf.net!usc!howland.reston.ans.net!xlink.net!  
news.dfn.de!news.dkrz.de!news.rrz.uni-hamburg.de!lutzifer!wolfhh!desaster!  
michaelw@network.ucsd.edu  
Subject: 99p12-SLIP <-> DOS ka9q?  
To: packet-radio@ucsd.edu

I crossposted this to rec.radio.amateur.packet, since there might be some people which know ka9q by heart and might notice at once what I am doing wrong...

Now my problem:

Somehow I do not succeed with my DOS-ka9q to Linux-SLIP-Link.  
I have an oldish i286-12 running DOS with ka9q, ip 192.0.2.44  
and a nice i386 with Linux 0.99p12 SLIP, (192.0.2.45) and do the following:

On DOS:

```
net.exe
  ip addr 192.0.2.44
  attach asy 0x03f8 4 slip s10 2048 1500 4096 38400 192.0.2.44
  route add default s10 192.0.2.44
  trace s10 111
```

On Linux:

```
dip -t
  remote 192.0.2.44
  port cua0
  speed 38400
  mode SLIP
route add 192.0.2.44
```

I could not do a "route add default 192.0.2.44"  
resulted in a SIOCADDRT: Network is unreachable

ping 192.0.2.44 (does not work)  
ping 192.0.2.45 (does work, its the local host).

btw,

How can I tell ka9q to dialin so that I have not to disable the getty first,  
and more important, how do I tell ka9q and linux to communicate at all?

Cheers, Michael Will

--

Michael Will <michaelw@desaster.hanse.de>      Linux - share and enjoy :-)  
Life is not there if you can't share it... Hazel'O'Connor Breaking Glass  
Happily using Linux 0.99p12 with X11R5, \LaTeX, cnews/nn/uucp and: PGP!  
    >>> Ask for Linux and / or pgp-Information <<<

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    >>> Ask for Linux and / or pgp-Information <<<

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Date: 21 Aug 93 18:07:26 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!nigel.msen.com!yale.edu!  
newsserver.jvnc.net!netnews.upenn.edu!gopher.cs.uofs.edu!triangle.cs.uofs.edu!  
bill@network.ucsd.edu  
Subject: Building WAMPES on a SUN  
To: packet-radio@ucsd.edu

Could someone who has done this sucessfully please tell me how??  
I found one file that is written in assembler with no code for the  
SPARC and numerous files being looked for in strange places that  
don't exist on any machine here.

The README says it has compiled OK on a SUN, but I can't see how.

bill    KB3YV

--  
Bill Gunshannon                    | "There are no evil thoughts, Mr. Rearden" Francisco  
bill@cs.uofs.edu                   | said softly, "except one; the refusal to think."  
University of Scranton             |  
Scranton, Pennsylvania             |                    #include <std.disclaimer.h>

-----  
Date: Fri, 20 Aug 1993 21:37:01 GMT  
From: netcomsv!netcom.com!n7fzy@decwrl.dec.com  
Subject: DSP and packet  
To: packet-radio@ucsd.edu

I have noticed that the newest DSP units have "packet"  
settings on them. They usually seem to be a narrow  
200-400Hz in the usual range of most mark and space tones  
for HF packet or pactor operations.

I'm a BBS Sysop with 2 HF ports. While the 15 meter port

does just fine when the band is open, the 40 meter port is  
often swamped with QRM. I hope that DSP will improve things.

Does anyone have experience with using DSP for HF packet?  
Does it help? How about for pactor?

73  
Dave

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Date: Fri, 20 Aug 1993 19:47:06 GMT  
From: elroy.jpl.nasa.gov!sdd.hp.com!caen!usenet.cis.ufl.edu!usenet.ufl.edu!  
mlb.semi.harris.com!controls.ccd.harris.com!drs@ames.arpa  
Subject: HF Packet  
To: packet-radio@ucsd.edu

Is there any DX spotting packet on HF? I've never been on packet, but I'm getting  
ready to try....Doug N4IJ

-----  
Date: Thu, 19 Aug 1993 21:18:37 +0000  
From: news!demon!llondel.demon.co.uk!dave@uunet.uu.net  
Subject: TheNET X1J ?!  
To: packet-radio@ucsd.edu

In article <2083@arrl.org> bbattles@arrl.org (Brian Battles WS10) writes:  
>In rec.radio.amateur.digital.misc, dave@llondel.demon.co.uk (David Hough) writes:  
>  
>>In article <PME.93Aug10205158@gaia.electrum.kth.se> pme@gaia.electrum.kth.se  
>>(Peter Enderborg) writes:  
>  
>>> Where do I find TheNet X1J version? Archie do not find it.  
>  
>>Probably because it hasn't been officially released yet! When I get a copy,  
>>I will put it on ftp.demon.co.uk and stick a post in this group about it.  
>  
>  
>Dave,  
>  
> Yes, PLEASE DO! Many of us want to get a copy ASAP!  
>  
It is currently awaiting last-minute confirmation (or otherwise) of a bug.  
Hopefully if it isn't a newly found bug then we might be in business....

Dave

\*\*\*\*\*  
\* G4WRW @ GB7WRW.#41.GBR.EU AX25 \* Start at the beginning. Go on \*  
\* dave@llondel.demon.co.uk Internet \* until the end. Then stop. \*  
\* g4wiw@g4wiw.ampr.org Ampnet \* (the king to the white rabbit) \*  
\*\*\*\*\*

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Date: Sun, 22 Aug 1993 03:27:16 GMT  
From: sdd.hp.com!usc!howland.reston.ans.net!gatech!kd4nc!n4tii@network.ucsd.edu  
Subject: Tiny-2 + The Net 2.10??  
To: packet-radio@ucsd.edu

oopdavid@ubvms.cc.buffalo.edu (D.RODMAN) writes:

>I have two Tiny-2's to piggyback with The Net 2.10. Made a suitable  
>cable and took them to the remote site, but did not test the two TNCs.  
>One appeared to work perfectly. The other had illuminated STA and CON  
>lights immediately on turn on. I changed program switch on the back  
>to the optional program and it seemed better. Question, is it possible  
>the two chips were programmed with different locations on the 512 EPROM?  
>Both my local sources are mystified, including the fellow who burned  
>the chips.  
>73, DAve

This might sound kind of dumb or obvious, but is the 'broken' Tiny-2  
getting enough 12v power to it? Is it stable? I have a Tiny-2 here, not  
on TheNet, though, and it had a problem with the STA and CON staying on.  
It turned out that it was a faulty "wall wart." After going straight to  
my Astron supply, the problem seemed to be cured.

73 de John  
n4tii%kd4nc.uucp@gatech.edu

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End of Packet-Radio Digest V93 #247

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